



| TRANSMITTAL FORM   |                                 |  | Application No.        | 10/7   | 10/749,297  |  |  |  |  |  |  |
|--|---------------------------------|--|------------------------|--------|---|--|--|--|--|--|--|
|  |                                 |  | Filing Date            | Dece   | ember 31, 2003  |  |  |  |  |  |  |
| (to be used for all  | correspondence aft              | er initial filing)   | First Named Inventor   | Jin-F  | Jin-Hong Ahn  |  |  |  |  |  |  |
|  |                                 |  | Art Unit               | 2824   | 2824  |  |  |  |  |  |  |
|  |                                 |  | Examiner Name          | Dang   | Dang T. Nguyen  |  |  |  |  |  |  |
| Total Number of Pages in This Submission 18  |                                 |  | Attorney Docket Number | r 5187 | 6P540   |  |  |  |  |  |  |
| ENCLOSURES (check all that apply)  |                                 |  |                        |        |   |  |  |  |  |  |  |
| Fee Transmittal Form   |                                 | Drawing(s)   |                        |        | After Allowance Communication to Group                            |  |  |  |  |  |  |
| Fee Attack   | hed                             | Licensing-related Papers                                       |                        |        | Appeal Communication to Board of Appeals and Interferences        |  |  |  |  |  |  |
| Amendment / Re   | esponse                         | Petition   |                        |        | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |  |  |  |  |  |  |
| After Final Affidavits/declaration(s)  |                                 | Petition to Convert a Provisional Application                  |                        |        | Proprietary Information   |  |  |  |  |  |  |
| Extension of Time Request  |                                 | Power of Attorney, Revocation Change of Correspondence Address |                        |        | Status Letter   |  |  |  |  |  |  |
| Express Abandonment Request  |                                 | Terminal Disclaimer  |                        |        | Other Enclosure(s) (please identify below):                       |  |  |  |  |  |  |
| Information Disclosure Statement   |                                 | Request for Refund   |                        | F      | Return receipt postcard   |  |  |  |  |  |  |
| PTO/SB/08  Certified Copy of Priority Document(s)  |                                 | CD, Number of CD(s)  |                        |        |   |  |  |  |  |  |  |
| Response to Missing Parts/ Incomplete Application  |                                 |  |                        |        |   |  |  |  |  |  |  |
| Basic Filing Fee   |                                 | Remarks  |                        |        |   |  |  |  |  |  |  |
| Declaration/POA  |                                 |  |                        |        |   |  |  |  |  |  |  |
| Response to Missing Parts under 37 CFR 1.52 or 1.53  |                                 |  |                        |        |   |  |  |  |  |  |  |
|  | SIGNATURI                       | E OF APPLICAN  | NT, ATTORNEY, OR A     | GENT   |   |  |  |  |  |  |  |
| Firm<br>or   | 1 Steven Laut, Reg. 110. 47,750 |  |                        |        |   |  |  |  |  |  |  |
| Individual name  |                                 |  |                        |        |   |  |  |  |  |  |  |
| Signature  |                                 | $\leq \kappa$  | J                      |        |   |  |  |  |  |  |  |
| Date   | May 9, 2005                     |  | <b>V</b>               |        |   |  |  |  |  |  |  |
| CERTIFICATE OF MAILING/TRANSMISSION  |                                 |  |                        |        |   |  |  |  |  |  |  |
| I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                                 |  |                        |        |   |  |  |  |  |  |  |
| Typed or printed name Jean Svoboda   |                                 |  |                        |        |   |  |  |  |  |  |  |
| Signature  |                                 | Ald  |                        | Date   | May 9, 2005   |  |  |  |  |  |  |

Signature



#### Complete if Known **FEE TRANSM** Application Number 10/749,297 for FY 2005 December 31, 2003 Filing Date Patent fees are subject to annual revision First Named Inventor Jin-Hong Ahn Dang T. Nguyen **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27. 2824 Art Unit TOTAL AMOUNT OF PAYMENT (\$) 0.00 Attorney Docket No. 51876P540 METHOD OF PAYMENT (check all that apply) ☐ Check ☐ Credit card ☐ Money Order ☐ None Other (please identify): Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP Deposit Account Deposit Account Number: 02-2666 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below, except for the filing fee ☐ Charge fee(s) indicated below Charge any additional fee(s) or underpayment of fee(s) ▼ Credit any overpayments under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. **FEE CALCULATION EXTRA CLAIM FEES** Extra Claims Fee from below FeePaid Total Claims \$0.00 33 50.00 Independent Claims 3\* 200.00 \$0.00 0 Multiple Dependent Large Entity Small Entity Fee Code Fee Description (\$) Code (\$) 50 25 Claims in excess of 20 2202 1202 2201 100 Independent claims in excess of 3 1201 200 360 180 Multiple Dependent claim, if not paid 1203 2203 \*Reissue independent claims over original patent 150 300 2204 1204 \*\*or number previously paid, if greater, For Reissues, see below \*\*Reissue claims in excess of 20 and over original patent 1205 2205 SUBTOTAL (1) 0.00 (\$) **ADDITIONAL FEES** Large Entity Small Entity Fee Code (\$) Code (\$) Fee Description Fee Paid 1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet. 130 2053 Non-English specification 2053 130 Extension for reply within first month 1251 120 2251 ബ Extension for reply within second month 1252 450 2252 225 1253 1,020 2253 510 Extension for reply within third month 1254 1,590 2254 795 Extension for reply within fourth month 1255 2,160 2255 1,080 Extension for reply within fifth month 1401 500 2401 250 Notice of Appeal 1402 500 2402 250 Filing a brief in support of an appeal 1403 1,000 2403 500 Request for oral hearing 1451 1,510 2451 1,510 Petition to institute a public use proceeding 1460 130 2460 130 Petitions to the Commissioner Processing fee under 37 CFR 1.17(q) 1807 50 1807 50 1806 1806 180 Submission of Information Disclosure Stmt 1809 790 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) For each additional invention to be examined (37 CFR § 1.129(b)) 1810 790 2810 395 Other fee (specify) SUBTOTAL (2) (\$)

| SUBMITTED BY      |             |       |    |   |                                      |        | Com       | Complete (if applicable) |  |
|-------------------|-------------|-------|----|---|--------------------------------------|--------|-----------|--------------------------|--|
| Name (Print/Type) | Steven Laut | 0     | // | Á | Registration No.<br>(Attorney/Agent) | 47,736 | Telephone | (310) 207-3800           |  |
| Signature         |             | X = / |    | 7 |                                      |        | Date      | 05/09/05                 |  |



## Attorney Docket No. 51876P540

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Patent Application of:

Jin-Hong Ahn, et al.

Serial No. 10/749,297

Filed: December 31, 2003

For: NON-VOLATILE DYNAMIC RANDOM

**ACCESS MEMORY** 

Examiner: Dang T. Nguyen

Art Unit: 2824

Mail Stop Amendment Commissioner for Patents PO Box 1450 Alexandria, Virginia 22313-1450

## **AMENDMENT AND RESPONSE TO OFFICE ACTION**

### Dear Commissioner:

In response to the Office Action mailed February 9, 2005, regarding the above-referenced application, Applicant respectfully requests entry of the amendment set forth below and consideration of the remarks that follow.